

AMENDMENT TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of reducing contaminants in dredged material comprising:

- (a) removing bulk particles from the dredged material,
- (b) adding liquid to the dredged material thereby forming a slurry, and
- (c) separating liquid from the dredged material thereby obtaining filtrate and a solid portion,

wherein contaminants are removed via [[an]] at least one oxidation process of admixing at least one oxidizing agent with the slurry of dredged material in step (b); and

wherein the solid portion includes a solid component and a liquid component.

2. (Cancelled)

3. (Original) A method according to claim 1 wherein the at least one oxidation process comprises admixing at least one oxidizing agent with the solid portion.

4. (Cancelled)

5. (Currently Amended) A method according to claim 1 comprising admixing at least one flocculating agent with the slurry of dredged material in step (b).

6. (Currently Amended) A method according to claim 1 [[2]] wherein the at least one oxidizing agent is selected from the group consisting of oxygen, hydrogen peroxide, ozone, chlorine, chlorine dioxide, sodium hypochlorate, calcium hypochlorate, sodium chlorate, sodium chlorite, bleach, potassium permanganate and mixtures thereof.

7. (Original) A method according to claim 3 wherein the at least one oxidizing agent is selected from the group consisting of oxygen, hydrogen peroxide, ozone, chlorine, chlorine dioxide, sodium hypochlorate, calcium hypochlorate, sodium chlorate, sodium chlorite, bleach, potassium permanganate and mixtures thereof

8. (Original) A method according to claim 4 wherein the at least one oxidizing agent is selected from the group consisting of oxygen, hydrogen peroxide, ozone, chlorine, chlorine dioxide, sodium hypochlorate, calcium hypochlorate, sodium chlorate, sodium chlorite, bleach, potassium permanganate and mixtures thereof.

9. (Original) A method according to claim 3 where the flocculating agent is a polyelectrolyte.

10. (Original) A method according to claim 1 further comprising forming a structural article from the solid portion.